

CLAIMS

What is claimed is:

1. A clutch assembly, comprising:
 - a first member;
 - a second member rotatable relative to said first member;
 - a clutch pack including at least one first clutch disc attached to said first member and at least one clutch disc attached to said second member;
 - a piston chamber adjacent to said clutch pack;
 - a piston disposed in said piston chamber and operable for applying axial pressure to said clutch pack, said piston including first, second and third seal portions integrally molded in place on said piston and engaging said piston chamber at spaced locations.
2. The clutch assembly according to claim 1, wherein said first, second and third seal portions are molded from an elastomeric material.
3. The clutch assembly according to claim 1, wherein said piston chamber and said piston are annular in shape and said piston includes an inner diameter surface having said first seal portion disposed thereon and an outer diameter surface having said second and third seal portions disposed thereon.

4. The clutch assembly according to claim 3, wherein said outer diameter surface of said piston includes a radial offset portion, said third seal portion being disposed adjacent to said radial offset portion.

5. The clutch assembly according to claim 3, wherein said piston includes at least one aperture disposed in said outer diameter surface between said second and third seal portions.

6. The clutch assembly according to claim 1, further comprising a balance piston disposed between said apply piston and said clutch pack.

7. The clutch assembly according to claim 1, wherein said inner diameter surface, a side surface and an outer diameter surface between said first, second and third seal portions is coated with an elastomeric material integral with said first, second and third seal portions.